0400
#3

OIPE

```
RAW SEQUENCE LISTING              DATE: 01/10/2001
PATENT APPLICATION:  US/09/747,524   TIME: 11:30:20

Input Set  : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw
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        2 <110> APPLICANT: Tang, Y. Tom
        3           Walker, Michael G.
        5 <120> TITLE OF INVENTION: GROWTH-RELATED INFLAMMATORY AND IMMUNE RESPONSE PROTEIN
        7 <130> FILE REFERENCE: PC-0022 CIP
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/747,524
C--> 10 <141> CURRENT FILING DATE: 2000-12-19
       12 <160> NUMBER OF SEQ ID NOS: 14
       13 <170> SOFTWARE: PERL Program
       15 <210> SEQ ID NO: 1
       16 <211> LENGTH: 464
       17 <212> TYPE: PRT
       18 <213> ORGANISM: Homo sapiens
       20 <220> FEATURE:
       21 <221> NAME/KEY: misc_feature
       22 <223> OTHER INFORMATION: Incyte ID No: 040371.3
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       26 Ile His Ile Arg Asn Lys Ile Leu Thr Gly Ala Asp Gly Lys Asn
       27                  20                  25                  30
       28 Leu Thr Lys Asn Asp Leu Tyr Pro Asn Pro Lys Pro Glu Val Leu
       29                  35                  40                  45
       30 His Met Ile Tyr Met Arg Ala Leu Gln Ile Val Tyr Gly Ile Arg
       31                  50                  55                  60
       32 Leu Glu His Phe Tyr Met Met Pro Val Asn Ser Glu Val Met Tyr
       33                  65                  70                  75
       34 Pro His Leu Met Glu Gly Phe Leu Pro Phe Ser Asn Leu Val Thr
       35                  80                  85                  90
       36 His Leu Asp Ser Phe Leu Pro Ile Cys Arg Val Asn Asp Phe Glu
       37                  95                 100                 105
       38 Thr Ala Asp Ile Leu Cys Pro Lys Ala Lys Arg Thr Ser Arg Phe
       39                 110                 115                 120
       40 Leu Ser Gly Ile Ile Asn Phe Ile His Phe Arg Glu Ala Cys Arg
       41                 125                 130                 135
       42 Glu Thr Tyr Met Glu Phe Leu Trp Gln Tyr Lys Ser Ser Ala Asp
       43                 140                 145                 150
       44 Lys Met Gln Gln Leu Asn Ala Ala His Gln Glu Ala Leu Met Lys
       45                 155                 160                 165
       46 Leu Glu Arg Leu Asp Ser Val Pro Val Glu Glu Glu Glu Glu Phe
       47                 170                 175                 180
       48 Lys Gln Leu Ser Asp Gly Ile Gln Glu Leu Gln Gln Ser Leu Asn
       49                 185                 190                 195
       50 Gln Asp Phe His Gln Lys Thr Ile Val Leu Glu Glu Gly Asn Ser
       51                 200                 205                 210
       52 Gln Lys Lys Ser Asn Ile Ser Glu Lys Thr Lys Arg Leu Asn Glu
       53                 215                 220                 225
       54 Leu Lys Leu Ser Val Val Ser Leu Lys Glu Ile Gln Glu Ser Leu
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RAW SEQUENCE LISTING   DATE: 01/10/2001
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Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

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55              230              235              240
56 Lys Thr Lys Ile Val Asp Ser Pro Glu Lys Leu Lys Asn Tyr Lys
57              245              250              255
58 Glu Lys Met Lys Asp Thr Val Gln Lys Leu Lys Asn Ala Arg Gln
59              260              265              270
60 Glu Val Val Glu Lys Tyr Glu Ile Tyr Gly Asp Ser Val Asp Cys
61              275              280              285
62 Leu Pro Ser Cys Gln Leu Glu Val Gln Leu Tyr Gln Lys Lys Ile
63              290              295              300
64 Gln Asp Leu Ser Asp Asn Arg Glu Lys Leu Ala Ser Ile Leu Lys
65              305              310              315
66 Glu Ser Leu Asn Leu Glu Asp Gln Ile Glu Ser Asp Glu Ser Glu
67              320              325              330
68 Leu Lys Lys Leu Lys Thr Glu Glu Asn Ser Phe Lys Arg Leu Met
69              335              340              345
70 Ile Val Lys Lys Glu Lys Leu Ala Thr Ala Gln Phe Lys Ile Asn
71              350              355              360
72 Lys Lys His Glu Asp Val Lys Gln Tyr Lys Arg Thr Val Ile Glu
73              365              370              375
74 Asp Cys Asn Lys Val Gln Glu Lys Arg Gly Ala Val Tyr Glu Arg
75              380              385              390
76 Val Thr Thr Ile Asn Gln Glu Ile Gln Lys Ile Lys Leu Gly Ile
77              395              400              405
78 Gln Gln Leu Lys Asp Ala Ala Glu Arg Glu Lys Leu Lys Ser Gln
79              410              415              420
80 Glu Ile Phe Leu Asn Leu Lys Thr Ala Leu Glu Lys Tyr His Asp
81              425              430              435
82 Gly Ile Glu Lys Ala Ala Glu Asp Ser Tyr Ala Lys Ile Asp Glu
83              440              445              450
84 Lys Thr Ala Glu Leu Lys Arg Lys Met Phe Lys Met Ser Thr
85              455              460
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88 <211> LENGTH: 1979
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90 <213> ORGANISM: Homo sapiens
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: Incyte ID No: 040371.3
96 <400> SEQUENCE: 2
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98 ttgactttgc ttgtagctgc tccccgaact cgccgtcttc ctgtcggcgg ccggcactgt 120
99 aggtgagcgc gagaggacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag 180
100 gcgcgggcag gtgccgggac gctgggcctg gcggtgtttt cgtcgtgctc agcggtgggа 240
101 ggaggcggaa gaaaccagag cctgggagat taacaggaaa cttccaagat ggaaactttg 300
102 tctttcccca gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca 360
103 ggagctgatg gtaaaaacct caccaagaat gatctttatc caaatccaaa gcctgaagtc 420
104 ttgcacatga tctacatgag agccttacaa atagtatatg gaattcgact ggaacatttt 480
105 tacatgatgc cagtgaactc tgaagtcatg tatccacatt taatggaagg cttcttacca 540
106 ttcagcaatt tagttactca tctggactca tttttgccta tctgccgggt gaatgacttt 600
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RAW SEQUENCE LISTING   DATE: 01/10/2001
PATENT APPLICATION: US/09/747,524   TIME: 11:30:20

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

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107 gagactgctg atattctatg tccaaaagca aaacggacaa gtcggttttt aagtggcatt 660
108 atcaacttta ttcacttcag agaagcatgc cgtgaaacgt atatggaatt tctttggcaa 720
109 tataaatcct ctgcggacaa aatgcaacag ttaaacgccg cacaccagga ggcattaatg 780
110 aaactggaga gacttgattc tgttccagtt gaagagcaag aagagttcaa gcagctttca 840
111 gatggaattc aggagctaca acaatcacta aatcaggatt ttcatcaaaa aacgatagtg 900
112 ctgcaagagg ganattccca aaagaagtca aatatttcag agaaaaccaa gcgtttgaat 960
113 gaactaaaat tgtcggtggt ttctttyaaa gaaatacaag agagtttgaa aacaaaaatt 1020
114 gtggattctc cagagaagtt aaagaattat aaagaaaaaa tgaaagatac ggtccagaag 1080
115 cttaaaaatg ccagacaaga agtggtggag aaatatgaaa tctatggaga ctcagttgac 1140
116 tgcctgcctt catgtcagtt ggaagtgcag ttatatcaaa agaaaataca ggacctttca 1200
117 gataataggg aaaaattagc cagtatctta aaggagagcc tgaacttgga ggaccaaatt 1260
118 gagagtgatg agtcagaact qaaqaaattg aagactgaag aaaattcgtt caaaagactg 1320
119 atgattgtga agaaggaaaa acttgccaca gcacaattca aaataaataa gaagcatgaa 1380
120 gatgttaagc aatacaaacg cacagtaatt gaggattgca ataaagttca agaaaaaaga 1440
121 ggtgctgtct atgaacgagt aaccacaatt aatcaagaaa tccaaaaaat taaacttgga 1500
122 attcaacaac taaaagatgc tgctgaaagg gagaaactga agtcccagga aatatttcta 1560
123 aacttgaaaa ctgctttgga gaaataccac gacggtattg aaaaggcagc agaggactcc 1620
124 tatgctaaga tagatgagaa gacagctgaa ctgaagagga agatgttcaa aatgtcaacc 1680
125 tgattaacaa aattacatgt cttttttgtaa atggcttgcc atcttttaat tttctattta 1740
126 gaaagaaaag ttgaagcgaa tggaagtatc agaagtacca aataatgttg gcttcatcag 1800
127 tttttataca ctctcataag tagttaataa gatgaattta atgtaggctt ttattaattt 1860
128 ataattaaaa taacttgtgc agctattcat gtctctactc tgcccttgt tgtaaatagt 1920
129 ttgagtaaaa cauaactagt tacctttgaa atatatatat ttttttctgt tacaaaaaa 1979
131 <210> SEQ ID NO: 3
132 <211> LENGTH: 230
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
136 <220> FEATURE:
137 <221> NAME/KEY: misc_feature
138 <223> OTHER INFORMATION: Incyte ID No: 6257588H1
140 <400> SEQUENCE: 3
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142 ttgactttgc ttgtagctgc tccccgaact cgccgtcttc ctgtcggcgg ccggcactgt 120
143 aggtgagcgc gagatgacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag 180
144 gcgcgggcag gtgccgggac gctgggcctg gcggtgtttt cgtcgtgctc 230
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 535
148 <212> TYPE: DNA
149 <213> ORGANISM: Homo sapiens
151 <220> FEATURE:
152 <221> NAME/KEY: misc_feature
153 <223> OTHER INFORMATION: Incyte ID No: 2914466F6
155 <220> FEATURE:
156 <221> NAME/KEY: unsure
157 <222> LOCATION: 117, 469
158 <223> OTHER INFORMATION: a, t, c, g, or other
160 <400> SEQUENCE: 4
161 cggcatgttt gaaaagtgat gacggttgac gtttgctgat ttttgacttt gcttgtagct 60
162 gctccccgaa ctcgccgtct tcctgtcggc ggccggcact gtaggtgagc gcgagangac 120
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RAW SEQUENCE LISTING   DATE: 01/10/2001
PATENT APPLICATION: US/09/747,524   TIME: 11:30:20

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

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        163 ggaggaagga agcctgcaga cagacgcctt ctccatccca aggcgcgggc aggtgccggg 180
        164 acgctgggcc tggcggtgtt ttcgtcgtgc tcagcggtgg gaggaggcgg aagaaaccag 240
        165 agcctgggag attaacagta aacttccaag atggaaactt tgtcttccc cagatataat 300
        166 gtagctgaga ttgtgattca tattcgcaat aagatcttaa caggagctga tggtaaaaac 360
        167 ctcaccaaga atgatcttta tccaaatcca aagcctgaag tcttgcacat gatctacatg 420
W--> 168 agagccttac aaatagtcta tggaattcga ctggaacatt tttacatgnt gccagtgaac 480
        169 tctgaagtca tgtatccaca tttaatagaa ggctcttacc attcagcaat ttagt       535
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        172 <211> LENGTH: 384
        173 <212> TYPE: DNA
        174 <213> ORGANISM: Homo sapiens
        176 <220> FEATURE:
        177 <221> NAME/KEY: misc_feature
        178 <223> OTHER INFORMATION: Incyte ID No: 7702863H2
        180 <400> SEQUENCE: 5
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        182 gacgccttct ccatcccaag gcgcgggcag gtgccgggac gctggcctg gcggtgtttt 120
        183 cgtcgtgctc agcggtggga ggaggcggaa gaaaccagag cctgggagat taacaggaaa 180
        184 cttccaagat ggaaactttg tctttcccca gatataatgt agctgagatt gtgattcata 240
        185 ttcgcaataa gatcttaaca ggagctgatg gtaaaaacct caccaagaat gatctttatc 300
        186 caaatccaaa gcctgaagtc ttgcacatga tctacatgag agccttacaa atagtctatg 360
        187 gaattcgact ggaacatttt taca                                         384
        189 <210> SEQ ID NO: 6
        190 <211> LENGTH: 542
        191 <212> TYPE: DNA
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        194 <220> FEATURE:
        195 <221> NAME/KEY: misc_feature
        196 <223> OTHER INFORMATION: Incyte ID No: 6421045H1
        198 <400> SEQUENCE: 6
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        200 accagagcct gggagattaa caggaaactt ccaagatgga aactttgtct ttccccagat 120
        201 ataatgtagc tgagattgtg attcatattc gcaataagat cttaacagga gctgatggta 180
        202 aaaacctcac caagaatgat ctttatccaa atccaaagcc tgaagtcttg cacatgatct 240
        203 acatgagagc cttacaaata gtatatggaa ttcgactgga acatttttac atgatgccag 300
        204 tgaactctga agtcatgtat ccacatttaa tggaaggctt cttaccattc agcaatttag 360
        205 ttactcatct ggactcattt ttgcctatct gccggtgaa tgactttgag actgctgata 420
        206 ttctatgtcc aaaagcaaaa cggacaagtc ggttttaag tggcattatc aactttattc 480
        207 acttcagaga agcatgccgt gaaacgtata tggaatttct ttggcgatat aaatcctctg 540
        208 cg                                                                 542
        210 <210> SEQ ID NO: 7
        211 <211> LENGTH: 522
        212 <212> TYPE: DNA
        213 <213> ORGANISM: Homo sapiens
        215 <220> FEATURE:
        216 <221> NAME/KEY: misc_feature
        217 <223> OTHER INFORMATION: Incyte ID No: 3727909T1
        219 <220> FEATURE:
        220 <221> NAME/KEY: unsure
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RAW SEQUENCE LISTING   DATE: 01/10/2001
PATENT APPLICATION: US/09/747,524   TIME: 11:30:20

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

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      222 <223> OTHER INFORMATION: a, t, c, g, or other
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W--> 227 ttnntgaaaa tcctgattta gtgattgttg tagctcctga attccatctg aaagctgctt 180
      228 gaactcttct tgctcttcaa ctgaacaga atcaagtctc tccagtttca ttaatgcctc 240
      229 ctggtgtgcg gcgtttaact gttgcatttt gtccgcagag gatttatatt gccaaagaaa 300
      230 ttccatatac gtttcacggc atgcttctct gaagtgaata aagttgataa tgccacttaa 360
W--> 231 aaaccgactt gtccgttttg cttttggacn tagaatatca gcagtctcaa agtcnttcac 420
      232 ccggcagata ggcaaaaatg agtccagatg agtaactaaa ttgctgaatg gtaagaagct 480
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      236 <211> LENGTH: 595
      237 <212> TYPE: DNA
      238 <213> ORGANISM: Homo sapiens
      240 <220> FEATURE:
      241 <221> NAME/KEY: misc_feature
      242 <223> OTHER INFORMATION: Incyte ID No: 6562592H1
      244 <400> SEQUENCE: 8
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      246 tattcaggag ctacaacaat cactaaatca ggattttcat caaaaaacga tagtgctgca 120
      247 agaggyaaat tcccaaaaga agtcaaatat ttcagagaaa accaagcgtt tgaatgaact 180
      248 aaaattgtcg gtggtttctt tgaaagaaat acaagagagt ttgaaaacaa aaattgtgga 240
      249 ttctccagag aagttaaaga attataaaga aaaaatgaaa gatacggtcc agaagcttaa 300
      250 aaatgccaga aagtggtgga gaaatatgaa atctatggaa actcagttga ctgcctgcct 360
      251 tcatgtcagt tggaagtgca gttatatcaa aagaaaatac aggacctttc agataatagg 420
      252 gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 480
      253 gagtcagaac tgaagaaatt gaagactgaa gaaaattcgt tcaaaagact gatgattgtg 540
      254 aagaaggcaa aacttgccac agcacaattc acaataaatt agaagcatga agatg 595
      256 <210> SEQ ID NO: 9
      257 <211> LENGTH: 581
      258 <212> TYPE: DNA
      259 <213> ORGANISM: Homo sapiens
      261 <220> FEATURE:
      262 <221> NAME/KEY: misc_feature
      263 <223> OTHER INFORMATION: Incyte ID No: 6729631H1
      265 <400> SEQUENCE: 9
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      267 ttgtcggtgg tttctttgaa agaaatacaa gagagttgga aaacaaaaat tgtggattct 120
      268 ccagagaagt taaagaatta taaagaaaaa atgaaagata cggtccagaa gcttaaaaat 180
      269 gccagacaag aagtggtgga gaaatatgaa atctatggaa actcagttga ctgcctgcct 240
      270 tcatgtcagt tggaagtgca gttatatcaa aagaaaatac aggacctttc agataatagg 300
      271 gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 360
      272 gagtcagaac tgaagaaatt gaagactgaa gaaaattcgt tcaaaagact gatgattgtg 420
      273 aagaaggaaa aacttgccac agcacaattc aaaataaata agaagcatga agatgtgtag 480
      274 caatacaaac gcacagtaat tgaggattgc cataagttc cagaaaaaag aggtgctgtc 540
      275 tatgaacgag taaccacaat taatccagaa atccaaaaaa t 581
      277 <210> SEQ ID NO: 10
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/747,524

DATE: 01/10/2001
TIME: 11:30:21

Input Set : A:\pc0022cip_seqlist.txt
Output Set: N:\CRF3\01102001\I747524.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:283 W: Missing Blank Line separator, <400> field identifier
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7